

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IT2005/000074

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B41J3/39 B41J3/36 B41K1/40 B41J3/28

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B41J B41K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2003/106447 A1 (WALLING ALEX) 12 June 2003 (2003-06-12) paragraph '0035! - paragraph '0054!; figures 2-4,12	1-15
X	US 5 634 730 A (BOBRY ET AL) 3 June 1997 (1997-06-03) cited in the application the whole document	1-15
X	US 5 063 451 A (YANAGISAWA ET AL) 5 November 1991 (1991-11-05) column 5, line 24 - column 9, line 6; figures 1,7,8,10a-10c	1-15
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

Z document member of the same patent family

Date of the actual completion of the international search

25 July 2005

Date of mailing of the international search report

10/08/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 40 23 520 A1 (MUTOH INDUSTRIES LTD., TOKIO/TOKYO, JP) 7 February 1991 (1991-02-07) the whole document -----	1
A	US 2001/024586 A1 (DAY ROBERT CHARLES LEWIS ET AL) 27 September 2001 (2001-09-27) the whole document -----	1-15
A	EP 0 598 251 A (WOLF, DOROTHEA) 25 May 1994 (1994-05-25) the whole document -----	1-15

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No
PCT/IT2005/000074

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 2003106447	A1	12-06-2003	SE 516915 C2 AU 6966201 A EP 1296836 A1 SE 0002552 A WO 0202343 A1	19-03-2002 14-01-2002 02-04-2003 07-01-2002 10-01-2002
US 5634730	A	03-06-1997	CA 2236550 A1 DE 69619871 D1 DE 69619871 T2 EP 0910508 A1 WO 9717206 A1	15-05-1997 18-04-2002 27-06-2002 28-04-1999 15-05-1997
US 5063451	A	05-11-1991	JP 2022085 A JP 2026768 A	24-01-1990 29-01-1990
DE 4023520	A1	07-02-1991	JP 3026554 U JP 8001872 Y2 US 5110225 A	18-03-1991 24-01-1996 05-05-1992
US 2001024586	A1	27-09-2001	DE 29923989 U1 DE 1000758 T1 EP 1000758 A1 US 6398432 B1	26-07-2001 23-08-2001 17-05-2000 04-06-2002
EP 0598251	A	25-05-1994	DE 4237275 C1 EP 0598251 A1	04-11-1993 25-05-1994